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(54) **Processes for the preparation of carboxylated compounds.**

(57) A process for preparing carboxylated compounds which comprises contacting an active hydrogen-containing compound with a CO<sub>2</sub> synthon in the presence of a mixed metal oxide catalyst or a modified bimetallic or polymetallic catalyst under conditions effective to produce the carboxylated compound.

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# PARTIAL EUROPEAN SEARCH REPORT

which under Rule 45 of the European Patent Convention  
shall be considered, for the purposes of subsequent  
proceedings, as the European search report

Application Number

EP 91 20 2421

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	CHEMICAL ABSTRACTS, vol. 92, no. 7, 18th February 1980, page 639, abstract no. 58427k, Columbus, Ohio, US; & JP-A-79 125 617 (MITSUBISHI CHEMICAL INDUSTRIES CO., LTD) 29-09-1979 ---	1-3,5-8 ,33,36-40	C 07 B 41/08 C 07 C 69/96 C 07 C 68/06
D,X	US-A-4 443 622 (R. SMITH) * Complete document * ---	1-5,7-9 ,34	
D,A	US-A-4 691 041 (R.G. DURANLEAU) * Table V * ---	1-54	
A	DE-A-2 740 242 (BAYER) * Claims; page 6 * ---	1-54	
A	US-A-3 133 113 (J.D. MALKEMUS) * Complete document * --- -/-	1-54	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C 07 C 68/00 C 07 C 69/00
INCOMPLETE SEARCH			
<p>The Search Division considers that the present European patent application does not comply with the provisions of the European Patent Convention to such an extent that it is not possible to carry out a meaningful search into the state of the art on the basis of some of the claims</p> <p>Claims searched completely : 50-54 Claims searched incompletely : 1-49 Claims not searched :</p> <p>Reason for the limitation of the search:</p> <p>The expressions "carboxylated compounds", "substituted", "CO<sub>2</sub> synthon", and "residue of an organic compound" as used in the claims are too broad to permit a complete search. The search is based on the examples.</p>			
Place of search THE HAGUE		Date of completion of the search 27-08-1992	Examiner WRIGHT M.W.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	



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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. 5)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
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